

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>21015772</b>	<div style="display: flex; justify-content: space-between;"> <div>FOR FURTHER ACTION</div> <div style="font-size: small;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</div> </div>	
International application No. <b>PCT/SE 2004/001595</b>	International filing date ( <i>day/month/year</i> ) <b>4 November 2004</b>	(Earliest) Priority Date ( <i>day/month/year</i> ) <b>14 November 2003</b>
Applicant <b>ABA OF SWEDEN AB et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (see Box No. II)

3. ☐ Unity of invention is lacking (see Box No. III)

**4. With regard to the title,**

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

**A device for connecting two rigid tubular objects comprising a male part and a female part.**

**5. With regard to the abstract,**

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

**6. With regard to the drawings,**

a. the figure of the drawings to be published with the abstract is Figure No. 4

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☒ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001595

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F16L 37/098

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SE 512411 C2 (ABA OF SWEDEN AB), 13 March 2000 (13.03.2000) --	1-10
A	US 5511827 A (STEINKAMP ET AL), 30 April 1996 (30.04.1996) --	1-10
A	US 6199920 B1 (NEUSTADTL), 13 March 2001 (13.03.2001) -- -----	1-10

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

27 January 2005

Date of mailing of the international search report

22-02-2005

Name and mailing address of the ISA/

Swedish Patent Office

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

31/12/2004

International application No.

PCT/SE 2004/001595

SE 512411 C2 13/03/2000

AT	274671	T	15/09/2004
AU	757168	B	06/02/2003
AU	4946499	A	06/03/2000
BR	9906689	A	08/08/2000
CA	2306551	A	24/02/2000
CN	1275188	T	29/11/2000
DE	1104530	T	20/12/2001
DE	69919724	D	00/00/0000
EE	200000213	A	15/06/2001
EP	1104530	A,B	06/06/2001
ES	2157875	T	01/09/2001
HU	0102424	A	28/11/2001
JP	2002522732	T	23/07/2002
NO	20001840	A	10/04/2000
PL	339862	A	15/01/2001
RU	2213899	C	10/10/2003
SE	9802711	A	12/02/2000
TR	200000963	T	00/00/0000
US	6467817	B	22/10/2002
WO	0009934	A	24/02/2000
ZA	200001503	A	17/10/2000

US 5511827 A 30/04/1996

AU	680110	B	17/07/1997
AU	1641395	A	26/10/1995
CA	2145930	A,C	19/10/1995
CN	1047834	B	29/12/1999
CN	1118853	A	20/03/1996
DE	4413346	C	17/08/1995
FR	2718822	A,B	20/10/1995
GB	2288646	A,B	25/10/1995
GB	9507754	D	00/00/0000
IT	1280864	B	11/02/1998
IT	T0950288	A	18/10/1995
JP	2616743	B	04/06/1997
JP	7293771	A	10/11/1995
KR	162154	B	15/01/1999

US 6199920 B1 13/03/2001

DE	19540279	A	30/04/1997
DE	59605797	D	00/00/0000
EP	0857275	A,B	12/08/1998
ES	2151677	T	01/01/2001
WO	9716671	A	09/05/1997